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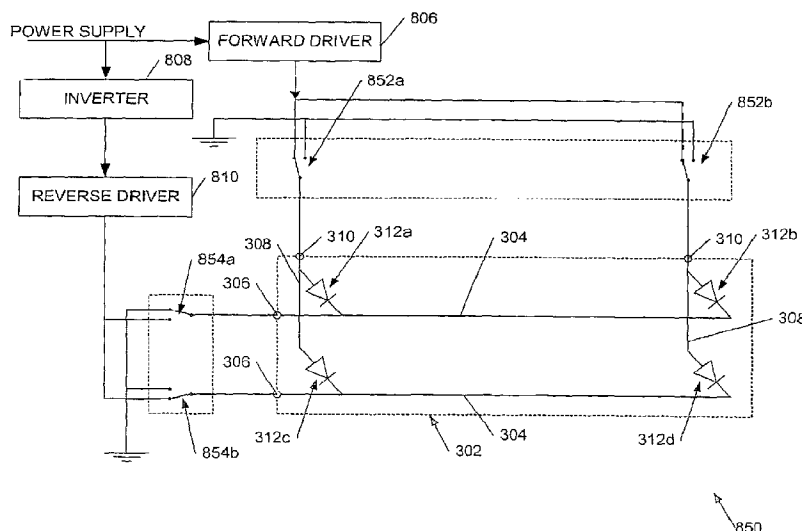
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 0210013.9 1 May 2002 (01.05.2002) GB</p> <p>(71) Applicant (for US only): CAMBRIDGE DISPLAY TECHNOLOGY LIMITED [GB/GB]; Greenwhich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): SMITH, Euan, Christopher [GB/GB]; Cambridge Display Technology Limited, Greenwich House, Madingley Road, Madingley Rise, Cambridge, Cambridgeshire CB3 0TX (GB).
 GUNNER, Alec, Gordon [GB/GB]; Cambridge Display Technology Ltd., Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX</p> | <p>(GB). HALLS, Jonathan, J., M. [GB/GB]; Cambridge Display Technology Centre, Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB).</p> <p>(74) Agent: MARTIN, Philip, John; Marks & Clerk, Wellington House, East Road, Cambridge, Cambridgeshire CB1 1BH (GB).</p> <p>(81) Designated States (national): AF, AG, AI., AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ., LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SI., TJ, TM, TN, TR, TT, TZ., UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.</p> <p>(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).</p> |
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(54) Title: ELECTROLUMINESCENT DISPLAY AND DRIVER CIRCUIT TO REDUCE PHOTOLUMINESCENCE



(57) Abstract: This invention generally relates to display driver circuits for electro-optic displays, and more particularly relates to circuits and methods for reducing the re-emission of absorbed light, for example to increase the colour gamut of organic light emitting diode displays. A driver for a display comprising a plurality of light emitting diode display elements, the driver comprising addressing circuitry to address said display elements, a first driver to cooperate with said address circuitry to provide a forward drive to at least one of said display elements to illuminate the display element, and a second driver to provide a reverse bias drive to others of said display elements at the same time as said at least one display element is illuminated to reduce a level of photoluminescence from said others of said display elements.